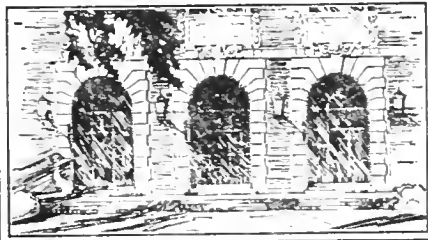


LIBRARY OF THE
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

016.7114
C73e
no. 651-660



016.7114 Council of
C 73 e planning librarians
no. 651-660 Exchange

● bibliography
UNIVERSITY OF ILLINOIS LIBRARY

Name ~~MARK DARNEN~~

Identification
Number ~~356-48-9949~~

Address David Poe

575-74-6683

408 N. Mathews #5

Urbana

328-6875.

Digitized by the Internet Archive
in 2010 with funding from
University of Illinois Urbana-Champaign

<http://www.archive.org/details/bibliographyonde652huds>

652

September 1974

652

A BIBLIOGRAPHY ON THE "DELPHI TECHNIQUE"

Ivan Hudson
Reference Department, Richard A. Gleeson Library
University of San Francisco

THE LIBRARY OF THE

UNIVERSITY OF
AT URBANA, ILL.

Mrs. Mary Vance, Editor
Post Office Box 229
Monticello, Illinois 61856

A BIBLIOGRAPHY ON THE

"DELPHI TECHNIQUE"

Prepared for Sr. M. Geraldine McDonnell, SM
School of Nursing

by

Ivan Hudson
Reference Department
Richard A. Gleeson Library
University of San Francisco
San Francisco, California, 94117

INTRODUCTION

Delphi Method (Also, Consensus Forecasting)

This is a term referring to one type of procedure, developed by Messrs Dalkey and Helmer of the Rand Corporation, for the forecasting of time-related future events. It has been most commonly employed in the estimating of the probable time of achievement of specific technological or social goals. The technique involves the repeated ("iterative") consulting with numbers of informed persons as to their best judgement as to when a specified event is likely to occur (i.e., when it will occur, not when it should), and providing them with systematic reports as to the totality of judgments rendered by the group. The responses of all participants are assembled and returned to the participant, inviting them to

reconsider and to offer any defense they may have for an estimate that seems out of line with others made by the group. This information, and revised estimates, may then be circulated to the participants for further analysis and so on. The procedure can vary considerably, but its primary utility is that it produces a well-considered consensus of the intuitions of a plurality of informed witnesses without injecting the bias of leadership influence, face-to-face confrontation, or group dynamics. Respondents as individuals are expected to clarify their own thinking, and the final decisions--according to the theory, at least--will tend to converge by narrowing the range of estimates in response to the most convincing arguments.*

SCIENCE POLICY: a Working Glossary. U.S. Congress. House. Committee on Science and Astronautics. Committee Print 92-2/S. April 1972. Washington, D.C.: U.S. Government Printing Office, 1972.

DELPHI TECHNIQUE BIBLIOGRAPHY

BOOKS

Delkey, Norman C. Studies in the Quality of Life: Delphi and Decision-making. Lexington, Massachusetts: Lexington Books, 1972, 161 pp.

Helmer, Olaf. On the Epistemology of the Inexact Sciences. Santa Monica: Rand Corp., 1960, Rand Corp. Report R-353, 40 pp.

ARTICLES, ESSAYS AND CHAPTERS IN BOOKS

Delzer, Jack. "Delphi Method," in Encyclopedia of Library and Information Science, Vol. 6, 1971, 565-567 pp.

Brown, Bernice D. Improvements in the Reliability of a Censensus Through the Use of Self-Rating. Santa Monica: Rand Corp., 1966, also in:

Helmer, Olaf. Social Technology. New York: Basic Books, 1966., 98-110.

Gordon, Theodore J. "New Approaches to Delphi," in James L. Bright, ed., Technological Forecasting for Industry and Government. Englewood Cliffs, New Jersey: Prentice-Hall, 1968.

_____. Report on a Long-range Forecasting Study. Santa Monica: Rand Corp., 1964, P-2982, also in:

Helmer Olaf. Social Technology. New York: Basic Books, 1966, pp. 44-97.

Helmer, Olaf. "An Abbreviated Delphi Experiment in Forecasting," in Robert Jungk and Johan Galtung, eds., Mankind 2000. Oslo: Universitetsforlaget, 1969, pp. 361-367.

_____. "Simulating the Values of the Future," in K. Laier and W. Rescher, eds., Values and the Future. New York: Free Press, 1969, pp. 193-213.

Jantsch, Erich. "Key Approaches to Forecasting," in Technological Planning and Social Futures. London: Cassell, 1972, pp. 79-92.

Martino, Joseph P. "Delphi," in Technological Forecasting for Decisionmaking. New York: American Elsevier, 1972, pp. 18-64.

_____. "An Experiment with the Delphi Procedure for Long Range Forecasting, Parts I and II. U.S. Air Force, Report AFOSR 67-0175 and AFOSR 67-0176, 1967, also summarized in:

Helmer, Olaf. Social Technology. New York: Basic Books, 1966, 44-97.

Rescher, Nicholas. "A Questionnaire Study of American Values by 2000 A.D.," in K. Laier and W. Rescher, eds., Values and the Future. New York: Free Press, 1969, pp. 133-147.

Welty, Gordon. "A Critique of the Delphi Technique," Proceedings of the American Statistical Association, Social Statistics Section, 1971, pp. 377-382.

DISSERTATIONS COMPLETED AT AMERICAN UNIVERSITIES WITH
CITATIONS TO THESIS ABSTRACTS IN "DISSERTATION ABSTRACTS
INTERNATIONAL"

- Dentley, James Thomas. The Applicability of the Delphi Technique for Setting Goals and Establishing priorities in an Urban School District. Ph.D. Thesis, University of Iowa, 1971, 178 pp., D.A. 32:4858-91.
- Carey, Dennis Michael. An Assessment of the Future In-Service Training Needs of School Principals in Massachusetts: A Delphi Study. Ed. D. Thesis, University of Massachusetts, 1972, 272 pp., D.A. 33:4712-31.
- Curran, Mary Virginia. Use of the Delphi to Determine Priority of Needs for Changes in College Student Environment. Ph.D. Thesis, Case Western Reserve University, 1972, D.A. 33:4870A.
- Emmons, Jean Franklin. Use of the Delphi Technique in Establishing Criteria for the Selection of a Secondary School Principal. Ph.D. Thesis, Ohio State University, 1971, 210 pp., D.A. 32:1218-9A.
- Falek, Jared Ira. Community College Counselor Functions: As Developed by the Delphi Technique. Ph.D. Thesis, Ohio University, 1971, 248 pp., D.A. 32:6126-7A.
- Grazzola, Peter George. The Effect of the Delphi Technique on Group Consensus in Educational Planning. Ed., D. Thesis, University of Arizona, 1971, 136 pp., D.A. 31:5072A.
- Grider, Douglas Ticknor. An Application and Refinement of the Delphinian Technique of Long Range Forecasting to Potential Problems of Georgia Municipal Governments. Ph.D. Thesis, Georgia State University, 1972, 341 pp., D.A. 33:14-15A.
- Jensley, Claude Duane. A Delphi Procedural Analysis of Role Function for the Special Education Supervisor in Diagnostic Clinics Serving Sparsely Populated Regions of Missouri. Ph.D. Thesis, University of Minnesota, 1972, 217 pp., D.A. 33:3438A.
- Holland, Homer Jay. On the Relative Accuracy of the Delphi Method as an Aid in Technological Forecasting. D.B.A., George Washington University, 1972, 169 pp., D.A. 33:16A.

- Jetter, Margaret Ann. The Roles of the School Library Media Specialist in the Future: A Delphi Study. Ph.D. Thesis, Michigan State University, 1972, 172 pp., D.A. 33:6380-1A.
- Jones, Homer William. An Investigation of the Effects of Feedback on Variability and Central Tendency of Group Opinion While Employing the Delphi Technique. Ph.D. Thesis, Oregon State University, 1973, 116 pp., D.A. 34:2361A.
- Lipsetz, Alvin Herbert. Delphi as an Intervention Technique in Developing a Plan of Change for the Student Affairs Office at the Ohio State University. Ph.D. Thesis, Ohio State University, 1972, 222 pp., D.A. 33:4125A.
- Ludlow, John Dyer. The Delphi Method: A Systems Approach to the Utilization of Experts in Technological and Environmental Forecasting. Ph.D. Thesis, University of Michigan, 1971, 374 pp., D.A. 32:5949-50A.
- McCleod, Thomas Alex. A Study to Identify the Goals of a Voluntary Higher Education Consortium by Utilization of the Delphi Technique. Ed.D. Thesis, University of Alabama, 1973, 177 pp., D.A. 34:2228-9A.
- Mohrmann, Jeanne Warren. The Use of the Delphi Technique as a Basis for Establishing Goals for Public Education in Delaware: An Exploratory Study. Ed.D. Thesis, Lehigh University, 1971, 112 pp., D.A. 32:4843A.
- Morrison, Lily Mitchell. Utilization of the Delphi Forecasting Method to Indicate the Nature of Economic Education Programs Consistent with Future Educational Needs. Ph.D. Thesis, University of Connecticut, 1973, 342 pp., D.A. 33:5413-4A.
- Morrow, James Earl. A Delphi Approach to the Future of Management. Ph.D. Thesis, Georgia State University, 1972, 330 pp., D.A. 32:5415A.
- Newman, Samuel L. The Use of Opinion Technology in Long-Range Planning -- A Study of the Delphi Process in Forecasting United Fund Needs in Tuscaloosa, Alabama. Ph.D. Thesis, University of Alabama, 1970, 170 pp., D.A. 31:4969A.
- Parker, John Donovan. Prediction in the Social Sciences: An Application of the Delphi Technique to Public Personnel Administration. Ph.D. Thesis, University of Southern California, 1972, 337 pp., D.A. 32:5878A.
- Rasp, Alfred F. Consensus Formation on Educational Outcomes Using a Modified Delphi Technique. Ph.D. Thesis, University of Washington, 1972, 165 pp., D.A. 33:149A.

Shannon, Amalie Roth. A Delphi Study of the Future of Women's Colleges in the United States. Ed.D. Thesis, Lehigh University, 1971, 144 pp., D.A. 32:2445A.

Travis, Harold Richard. Identification of the Role of the Physician's Assistant in Oregon Utilizing the Delphi Technique. Ph.D. Thesis, Oregon State University, 1973, 266 pp., D.A. 34:3128-9E.

Van de Ven, Andrew Henry. An Applied Experimental Test of Nominal, Delphi, and Interacting Decision Making Processes. Ph.D. Thesis, University of Wisconsin, 1972, 270 pp., D.A. 33:3094-5A.

Wald, Emanuel. Toward a Paradigm of Future Public Administration: A Delphi Exercise Aimed at Defining the Scope and Methods of Public Administration from 1973 - 1990. D.P.A. Thesis, Syracuse University, 1973, 287 pp., D.A. 34:1348-9A.

Walders, Donald Robert. Anticipated Roles of Future Educators, a Delphi Study. Ed.D. Thesis, University of Massachusetts, 1972, 209 pp., D.A. 33:4770-1A.

Waldron, James Sherman. An Investigation into the Relationships Among Conceptual Level, Time Delay of Information Feedback, and Performance in the Delphi Process. Ph.D. Thesis, Syracuse University, 1970, 240 pp., D.A. 31:5862-3A.

Wilson, Kennedy Lunt. An Analysis of the Use of Delphi Sampling as a Technique for Estimation. Ph.D. Thesis, Stanford University, 1973, 99 pp., D.A. 33:5880B.

DOCUMENTS COLLECTED AND DISSEMINATED BY THE EDUCATIONAL RESOURCES INFORMATION CENTER WITH ERIC ORDER NUMBER

Brooks, Walter. Northern California Research Group Vocational Education Study: A Field Study to Determine Characteristics of Most Successful Vocational Education Programs. Bethesda: ERIC, 1972, ED 069 276, 130 pp.

Carvell, Fred. Occupational Forecasting and Trending: an Early Warning System for Educational Planning. Bethesda: ERIC, 1969, ED 033 224, 33 pp.

Clarke, S.C.T. The Future of Teacher Education. Bethesda: ERIC, 1971, ED 054 065, 88 pp.

- For, A. H. Defining Effective College Teaching Using the Delphi Technique and Multiple Linear Regression. Bethesda: ERIC, 1971, ED 046 348, 12 pp.
- Hopkins, Charles O. Delphi: A Planning Tool. Bethesda: ERIC, 1972, ED 035 389, 71 pp.
- Macmillan, Thomas T. The Delphi Technique. Bethesda: ERIC, 1971, ED 064 302, 24 pp.
- Mitchell, Bruce. The Delphi Technique in Research and Teaching. Bethesda: ERIC, 1971, ED 066 403, 8 pp. Available free from Department of Geography, University of Waterloo, Waterloo, Ontario, Canada.
- Peterson, Richard E. The Crisis of Purpose, Definition and Uses of Institutional Goals. Bethesda: ERIC, 1970, ED 042 934, 15 pp.
- Robinson, Burke E. A Delphi Forecast of Technology in Education. Bethesda, Maryland: ERIC, 1973, ED 082 497, 140 pp.
- Simon, Ralph C. A Delphi Approach to a Selected Book Retirement Policy. Bethesda: ERIC, 1972, ED 069 298, 11 pp.
- Uhl, Norman P. Encouraging Convergence of Opinion, Through the Use of the Delphi Technique in the Process of Identifying an Institution's Goals. Bethesda: ERIC, 1971, ED 049 713, 126 pp.
- Umpleby, Stuart. Structuring Information for a Computer-Based Communications Medium. Bethesda: ERIC, 1971, ED 078 375, 42 pp.
- Waldron, James S. The Delphi Process: Some Assumptions and Some Realities. Bethesda: ERIC, 1971, ED 048 347, 18 pp.
- Weaver, W. Timothy. Delphi: a Critical Review. A Research Report. Bethesda: ERIC, 1972, ED 061 636, 37 pp. Available free from Syracuse University, Research Corp., Herrill Lane, University Heights, Syracuse, New York 13210.

RESEARCH PUBLICATIONS OF THE RAND CORPORATION

Brown, Bernice, S. Cochran and H. C. Dalkey. The Delphi Method, II: Structure of Experiments. Santa Monica: Rand Corp., June 1969.

_____. Delphi Process: A Methodology Used for the Elicitation of Opinions of Experts. Santa Monica: Rand Corp., 1968.

_____, et al. Improving the Reliability of Estimates Obtained from a Consensus of Experts. Santa Monica: Rand Corp., 1964, P-2986.

Dalkey, Norman C. Comparison of Group Judgment Techniques with Short-Range Predictions and Almanac Questions. Santa Monica: Rand Corp., 1971, R-678, 34 pp.

_____. Delphi. Santa Monica: Rand Corp., 1967. Rand Corp. Paper P-3704, 11 pp.

_____. The Delphi Method. 1. An Experimental Study of Group Opinion. 2. Structure of Experiments. 3. Use of Self-Ratings to Improve Group Estimates. 4. Effects of Percentile Feedback and Feed-in of Relevant Facts. Santa Monica: Rand Corp., 1969-1970. Rand Corp. Memorandum RM-5888-PR, RM-5957-PR, RM-6115-PR, RM-6118-PR.

Dalkey, N. C. Experiments in Group Prediction. Santa Monica, California: Rand Corp., March 1968.

_____. Predicting the Future. Santa Monica, California: Rand Corp., October 1968.

_____. Quality of Life. Santa Monica, California: Rand Corp., March 1968.

Helmer, Olaf. Analysis of the Future: Delphi Method. Santa Monica: Rand Corp., 1967, P-3558, 11 pp.

_____. Convergence of Expert Consensus Through Feedback. Santa Monica: Rand Corp., 1964.

_____. New Developments in Early Forecasting of Public Problems: A New Intellectual Climate. Santa Monica, California: Rand Corp., April 1967; also in Vital Speeches, Vol. 33, June 1967, pp. 497-499.

_____. The Delphi Method for Systematizing Judgments About the Future, Institute of Government and Public Affairs, University of California at Los Angeles, April 1966.

Helmer, Olaf. Prospects of Technological Progress. Santa Monica: Rand Corp., 1967, P-3043, 14 pp.

_____. The Systematic Use of Expert Judgment in Operations Research. Santa Monica, California: Rand Corp., December 1966.

_____. Systematic Use of Expert Opinions. Santa Monica: Rand Corp., 1967, P-3721, 11 pp.

_____. A Use of Simulation for the Study of Future Values. Santa Monica: Rand Corp., 1966, P-3443, 36 pp.

_____. The Use of the Delphi Technique in Problems of Educational Innovations. Santa Monica: Rand Corp., 1967, P-3499, 22 pp.

Kaplan, A., A. L. Skogstad and H. A. Girshick. The Prediction of Social and Technological Events. Santa Monica, California: Rand Corp., April 1949; also in Public Opinion Quarterly, Vol. 14, Spring 1950, pp. 93-110.

Quade, E. S. On the Limitations of Quantitative Analysis. Santa Monica: Rand Corp., 1970, P-4530, 23 pp.

Rescher, Nicholas. Delphi and Values. Santa Monica: Rand Corp., 1969, Rand Corp. Paper P-4182.

Thompson, L. T. A Pilot Application of Delphi Techniques to the Drug Field: Some Experimental Findings. Santa Monica: Rand Corp., 1973, Rand Corp. Report R-1124, 58 pp.

OTHER RESEARCH REPORTS

Bender, A. Douglas. A Delphi Study of the Future of Medicine. Philadelphia, Smith, Kline and French Laboratory Research and Development Division, 1969.

California. University. School of Public Health. Delphi Forecasting of Health Care Organizations. Berkeley, September 1973. Occasional Papers in Hospital and Health Administration #1, 18 pp.

Helmer, Olaf. The Delphi Method for Systematizing Judgements About the Future. Los Angeles: University of California, Institute of Government and Public Affairs, 1966, IIR-61, 12 pp.

- Legasoy, Edward D. The Delphi Technique Applied to Predicting Effectiveness of Educational Projects. Philadelphia: Fels Institute, University of Pennsylvania, 1969.
- Ludlow, John D. Evaluation of Methodology in the University of Michigan's Sea Grant Delphi Inquiry. Springfield, Virginia: NTIS, 1972, CCI-72-10308, 98 pp.
- Turoff, Murray. The Design of a Policy Delphi. Technical Memorandum TM-123. National Resources Analysis Center, Systems Evaluation Division, Executive Office of the President, Office of Emergency Preparedness, 1970.

PERIODICAL ARTICLES

- Adelson, Marvin. "Planning Education for the Future: Comments on a Pilot Study," American Behavioral Scientist, 10, March 1967, pp. 1-12, 21-31.
- Andes, John. "Delphi Survey Shows Leaders Expect both Centralization and Decentralization," Phi Delta Kappan, 54, September 1972, 63.
- Belzer, Jack. "Curricula in Information Science: Analysis and Development," Journal of American Society for Information Science, 22:3, May-June 1971, pp. 193-223.
- Bender, A. Douglas. "Delphi Study Examines Developments in Medicine," Futures, 1:4, 1969, pp. 289-303.
- Blackman, A. W. "Use of Bayesian Techniques in Delphi Forecasts," Technical Forecasting and Social Change, 2:3/4, 1971, pp. 261-268.
- Campbell, Robert H. "Delphi Technique: Implementation in the Corporate Environment," Management Services, 5, November-December 1968, pp. 37-42.
- Clarke, S.C.T. "The Future of Teacher Education," Journal of Teacher Education, 22:4, Winter 1971, pp. 508-516.
- Cybert, Frederick R. "Delphi Technique: A Tool for Collecting Opinions in Teacher Education," Journal of Teacher Education, 21, Fall 1970, pp. 417-425.

Dalkey, Norman C. "Analyses From a Group Opinion Study," Futures, 1, December 1969, pp. 544-551.

_____. "An Experimental Application of the Delphi Method to the Use of Experts," Management Science, 9:3, April 1963, pp. 458-467.

_____. "An Experimental Study of Group Opinion: The Delphi Method," Futures, 1:5, September 1969, pp. 408-426.

"Delphi: Oracle for Marketing Men?" Electrical World, 175, May 1, 1971, pp. 89-90.

"Delphi Forecasts and Production Predictions." Automation, 19, October 1972, pp. 12-13.

Dory, John P. "Does TF Really Work?" Harvard Business Review, 48, November-December 1970, pp. 18-18, 20-22, 24-25, 28, 168.

Enzer, Selwyn. "Delphi and Cross-Impact Techniques," Futures, 3, 1971, pp. 48-61.

Fox, L. H. "Defining Effective College Teaching: Delphi Technique," Journal of Experimental Education, 40, Winter 1971, pp. 37-40.

Fulmer, Robert H. "Forecasting the Future of Associations," Association Management, 23, December 1971, pp. 49-52.

Fusfeld, Alan R. "Delphi Technique: Survey and Comment," Business Horizons, 14, June 1971, pp. 63-74.

Gordon, Theodore J. "An Experiment in Simulation Gaming for Social Policy Studies," Technological Forecasting, 1:3, Winter 1970.

Gray, Kenneth E. "A Planning Tool for Local Teachers," Agricultural Education Magazine, 45:1, July 1972, pp. 9-10.

Helmer, Olaf. "The Future of Science." Santa Monica: Rand Corp., 1967, Report RP-3607, 17 pp.; also in Science Journal, 3:10, October 1967, pp. 49-53.

Huber, George P., et al. "Guidelines for Combining the Judgements of Individual Members in Decision Conferences," Academy of Management Journal, 15, June 1972, pp. 161-174.

- Jolson, H. A. "Delphi Process in Marketing Decision Making," Journal of Marketing Research, 8, November 1971, pp. 443-443.
- Judd, Robert C. "Delphi Method: Computerized Oracle Accelerates Consensus Information," College and University Business, 49, September 1970, pp. 30+.
- Leonard, Albert. "Focus Delphi: Possible Social Studies," Social Science Record, 7:3, Spring 1971, pp. 59-64.
- Marshall, William L. "The Future of Home Economics: A Delphi Study," Journal of Home Economics, 65:7, October 1973, pp. 23-27.
- Martino, Joseph P. "An Experiment with the Delphi Procedure for Long-range Forecasting," IEEE Transactions on Engineering Management, EM-15, 1968, pp. 138-144.
- _____. "The Lognormality of Delphi Estimates," Technical Forecasting, 1:4, Spring 1970, pp. 355-358.
- _____. "The Precision of Delphi Estimates," Technical Forecasting, 1:3, March 1970, pp. 293-299.
- Milkovich, G. T. "Use of the Delphi Procedures in Manpower Forecasting," Management Science, 19, December 1972, pp. 381-388.
- Millholland, A. V. "Medical Assessment by a Delphi Group Opinion Technique," New England Journal of Medicine, 288:24, 1973, pp. 1272-1275.
- Mossman, Mark A. "Adult Education and the Delphi Technique: An Explanation and Application," International Journal of Continuing Education and Training, 2:3, Winter 1973, pp. 247-252.
- Parker, E. F. "Some Experience with the Application of the Delphi Method," Chemistry and Industry, September 20, 1969, pp. 1317-1319.
- Pike, Donald L. "A Practical Approach to Delphi," Futures, 2:2, 1970, pp. 143-152.
- Quinn, James L. "Technological Forecasting," Harvard Business Review, 45:2, 1967.
- Rasp, Alfred F. "Delphi: A Decision-Maker's Dream," Nation's Schools, 92:1, July 1973, pp. 29-32.

- Reilly, K. D. "Prospects for Use of the Delphi Method in Information Science Research," Proceedings of the American Society for Information Science, 7, October 1970, pp. 23-25.
- Rescher, Nicholas. "Study of Value Change," Journal of Value Inquiry, 1, 1967.
- Shepardson, Richard D. "Survey (Utilizing the Delphi Method) to Assess and Objectively Display the Arguments for and Against Developing a Performance-based Teacher Education Program," Journal of Teacher Education, 23, Summer 1972, pp. 166-168.
- Sule, Otto. "Interactions Between Technological and Social Changes: A Forecasting Model," Futures, 1, September 1969, pp. 402-407.
- Turoff, Murray. "Delphi and its Potential Impact on Information Systems," Proceedings of the American Federation of Information Processing Societies, 39, 1971, pp. 317-326.
- _____. "Delphi Conferencing (i.e., Computer Based Conferencing with Anonymity)," Technical Memorandum TM-125, National Resources Analysis Center, Systems Evaluation Division, Executive Office of the President, Office of Emergency Preparedness, 1971; also in:

The Journal of Technological Forecasting and Social Change, 3:2, 1972, pp. 159-204.
- Umpleby, Stuart. "The Illinois Delphi Exploration of Alternative Futures," Journal of Aesthetic Education, 4:1, January 1970, pp. 129-132.
- Van de Ven, Andrew, et al. "Nominal Versus Interacting Group Processes for Committee Decision-making," Academy of Management Journal, 14:2, June 1971, pp. 203-212.
- Weaver, W. Timothy. "The Delphi Forecasting Method," Phi Delta Kappan, 52, January 1971, pp. 267-271, bibliography.

Welty, Gordon. "A Critique of Some Long-Range Forecasting Developments," Contributed Papers of the 38th Sessions of the International Statistical Institute. Washington, D.C., 1971.

_____. "Problems of Selecting Experts for Delphi Exercises," Academy of Management Journal, 15:1, March 1972, pp. 121-124.

_____. "Some Problems of Selecting Delphi Experts for Educational Planning and Forecasting Exercises," California Journal of Educational Research, 24, May 1973, pp. 129-134.

Wennenberg, Olaf. "Using the Delphi Technique for Planning the Future of Libraries," UNESCO Bulletin for Libraries, 26:5, September-October 1972, pp. 242-246, 252.

Winstead, Phillip C. "Institutional Goals: Where do We Go From Here? Using the Delphi Technique," Journal of Higher Education, 42, November 1971, pp. 669-677.

Wooden, R. P. "Technological Forecasting; the Delphi Technique," Food Technology, 25, October 1971, pp. 1033-1037.

RELATED READINGS

Contributed by
Robert Smith
Ph.D. Candidate
Speech Department
University of Illinois, Urbana

Allport, G. W., P. E. Vernon and G. Lindsey. Study of Values: Manual of Directions for the Study of Values. Cambridge, Massachusetts: Harvard University Press, 1951.

Anthony, R. N. Planning and Control Systems: A Framework for Analysis. Boston, Massachusetts: Division of Research, Graduate School of Business Administration, Harvard University, 1965.

Baier, K. and H. Rescher, eds. Values and the Future. New York: Macmillan, The Free Press, 1969.

Bauer, R. A. and K. J. Gergen. The Study of Policy Formation. New York: Macmillan, The Free Press, 1968.

- Black, D. The Theory of Committees and Elections.
Cambridge, Massachusetts: Harvard University Press, 1958.
- Boulding, K. L. "General Systems Theory--The Skeleton
of Science," General Systems, Yearbook of the Society
for the Advancement of General Systems Theory, Vol.
1, 1956.
- _____. The Meaning of the Twentieth Century: The
Great Transition. Evanston, Illinois: Harper and
Row, 1964.
- Burke, J. G., ed. The New Technology and Human Values.
Belmont, California: Wadsworth Publishing Co., 1966.
- Cathcart, R. S. and L. A. Samovar. Small Group Communication:
A Reader. Dubuque, Iowa: W. C. Brown Co., 1970,
pp. 149-176.
- Daedalus (Toward the Year 2000 issue). Vol. 96, No. 3,
Summer 1967.
- de Jouvenel, E. The Art of Conjecture (trans. N. Lary).
New York: Basic Books, 1967.
- Deury, J. "The Problem of Value," Journal of Philosophy,
Vol. 10, 1913, pp. 268-269.
- _____. "Theory of Valuation," International
Encyclopedia of Unified Science. Chicago, 1939,
reprinted in 1952.
- Dickson, P. Think Tanks. New York City: Atheneum, 1972.
- Dodd, S. C. "How to Measure Values," University of
Washington Research Studies, Vol. 18, 1950, pp.
163-168.
- Drucker, P. F. The Practice of Management. New York City:
Harper and Brothers, 1954.
- Fallding, H. "A Proposal for the Empirical Study of Values,"
American Sociological Review, Vol. 30, 1965, pp. 223-233.
- Feldman, R. C. A Heuristic Approach to Using Linear Non-
Convex Activity Time-Cost Curves in Scheduling Project
Networks. Cambridge: Department of Civil Engineering,
Massachusetts Institute of Technology, June 1966.

- Fuller, R. Buckminster. World Design Science Decade, 1965-1975: Phase I, 1964, Document, 2: The Design Initiative. Carbondale: World Resources Inventory, Southern Illinois University Press, 1965.
- _____, and J. McHale. World Design Science Decade, 1965-1975: Phase I, 1963, Document 1: Inventory of World Resources, Human Trends and Needs. Carbondale: Southern Illinois University Press, 1963.
- Gabor, D. Inventing the Future. New York City: Alfred A. Knopf, 1964.
- Goldman, T. A. Cost-Effectiveness Analysis: New Approaches in Decision-Making. New York City: Frederick A. Praeger Publishers, 1967.
- Gore, R. J. and J. W. Dyson, eds. The Making of Decisions: A Reader in Administrative Behavior. New York City: Macmillan, The Free Press, 1964.
- Heilbruner, R. L. The Future as History. New York City: Harper and Bros., 1960.
- Kelley, J. D., Jr. "Critical Path Planning and Scheduling, Mathematical Basis," Operations Research, Vol. 9, No. 3, 1961, pp. 296-320.
- Michael, D. M. Cybernation: The Silent Conquest. Santa Barbara, California: Center for the Study of Democratic Institutions, 1962.
- Moder, J. J. and C. L. Phillips. Project Management with CPM and PERT. New York City: Reinhold Publishing Co., 1964, pp. 107-191.
- Perry, D. L. "What Things Can Be Evaluated?" The Journal of Philosophy, Vol. 61, 1964, pp. 186-192.
- Pickard-Cambridge, Sir A. W. "On Our Knowledge of Value," Proceedings of the Aristotelian Society. London, Vol. 17, 1917, pp. 216-255.
- Price, D. K. The Scientific Estate. Cambridge, Massachusetts: Belknap Press of Harvard University Press, 1965.
- Rasor, J. R. Simulation and Society: An Exploration of Scientific Gaming. Boston, Massachusetts: Allyn and Bacon, Inc., 1969.
- Realites.. "L'Exploration de la Future," No. 245, June 1966, pp. 50-58.

- Rescher, H. Introduction to Value Theory. Englewood Cliffs, New Jersey: Prentice-Hall, Inc., 1960.
- Rogers, E. M. Diffusion of Innovations. New York City: Macmillan, The Free Press, 1962.
- Sadowski, W. (trans. E. Lepa). The Theory of Decision-Making. London: Pergamon Press, 1965.
- Shubik, H. Games of Status. Santa Monica, California: Rand Corp., May 1969.
- Simon, H. "A Framework for Decision Making," in Proceedings of a Symposium on Decision Theory. Athens: Ohio University, 1963.
- Thomson, Sir Geo. The Foreseeable Future, rev. ed. Cambridge, England: Cambridge University Press, 1960.
- Vassilev, H. and S. Gouchev, eds. Life in the Twenty-first Century (trans. H. E. Crowcroft and R. F. Wason). Middlesex, England: Penguin Books, 1960.
- Vickers, Sir Geoffrey. The Art of Judgment: A Study of Policy Making. New York City: Basic Books, Inc., 1965.

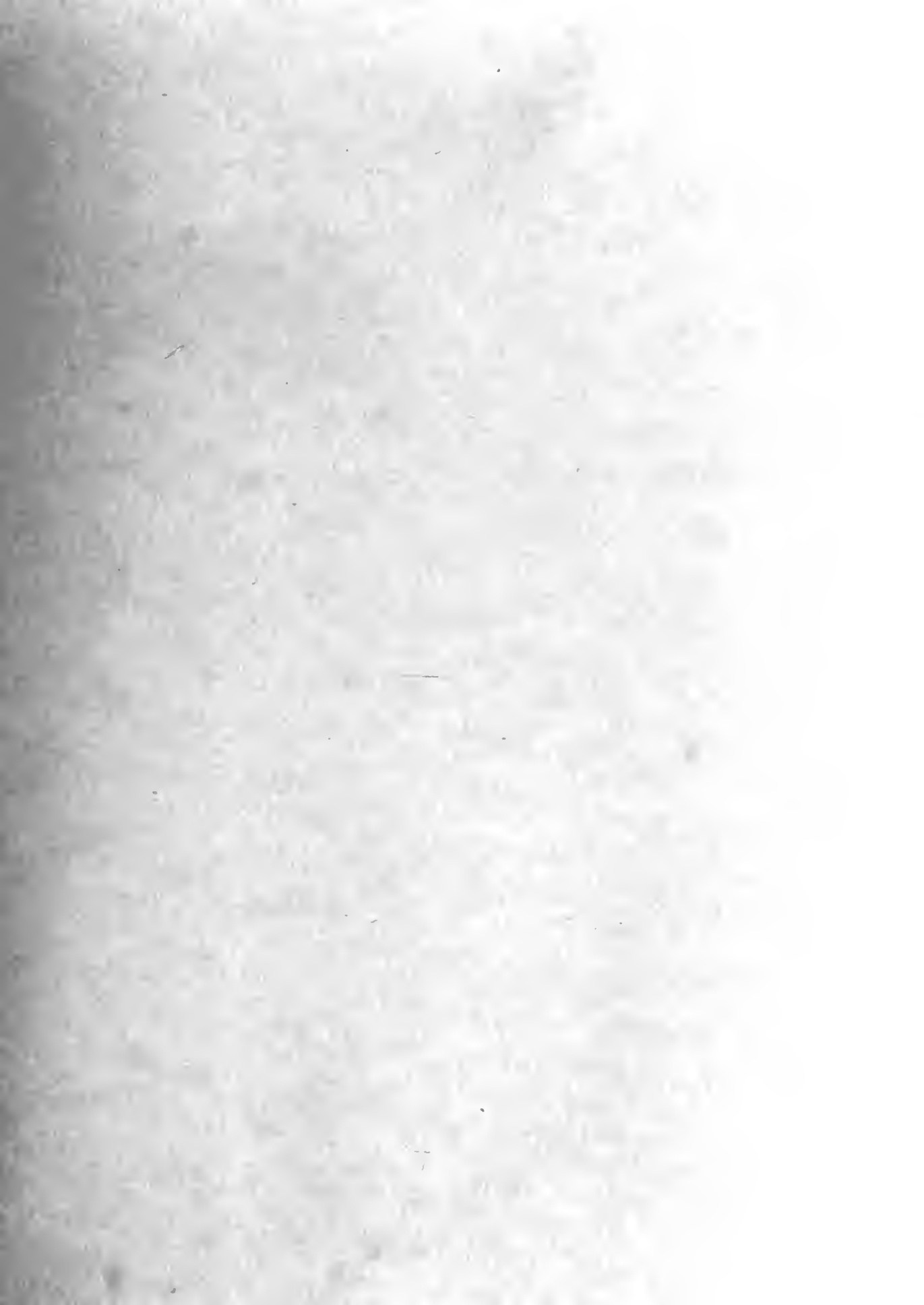
COUNCIL OF PLANNING LIBRARIANS Exchange Bibliography #652

A BIBLIOGRAPHY ON THE "DELPHI TECHNIQUE"

Additional copies available from:

Council of Planning Librarians
Post Office Box 229
Monticello, Illinois 61856

for \$1.50



UNIVERSITY OF ILLINOIS-URBANA

016 7114C73E C001
EXCHANGE BIBLIOGRAPHY URBANA, ILL
651-660 1974



3 0112 029109409